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MRO Integrated Supply Chain Management Overview

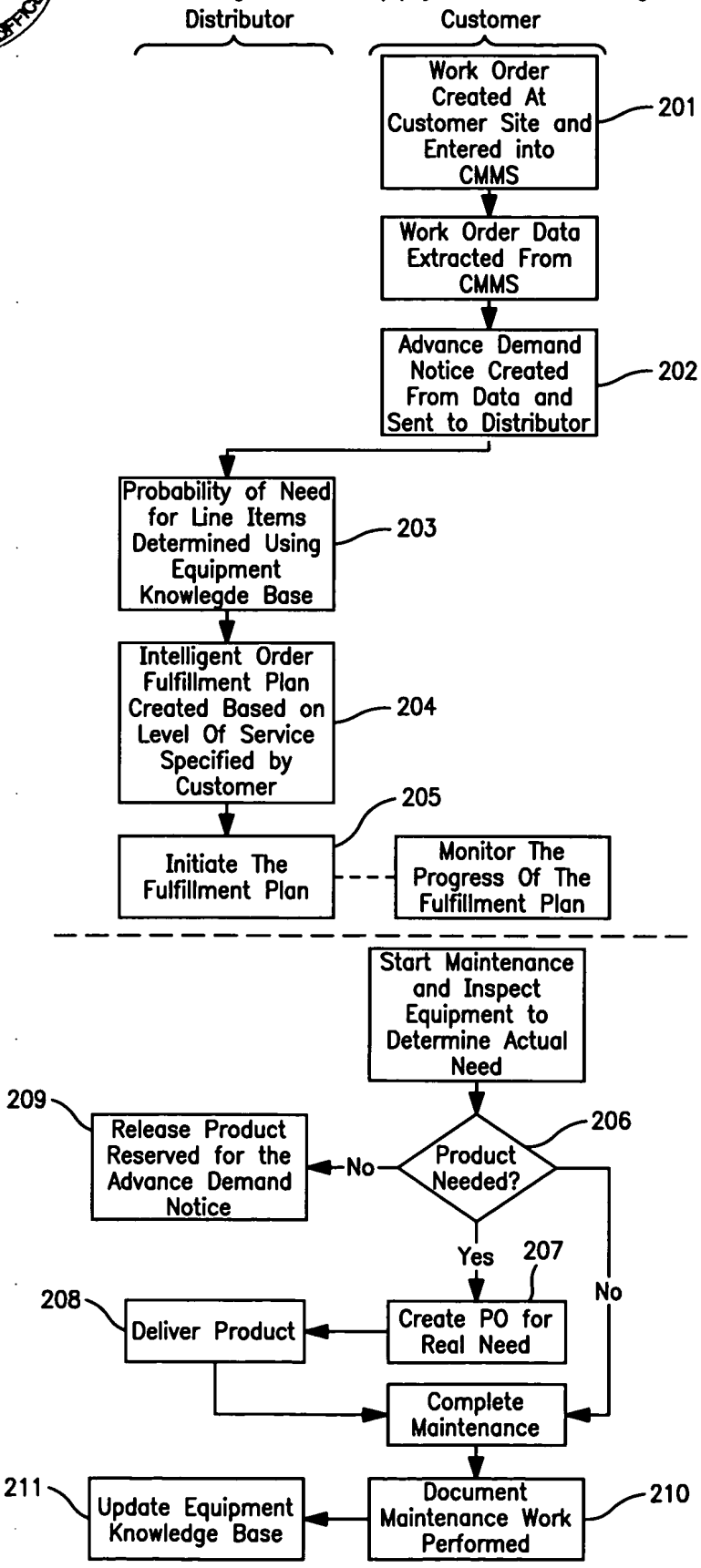

FIG. 1

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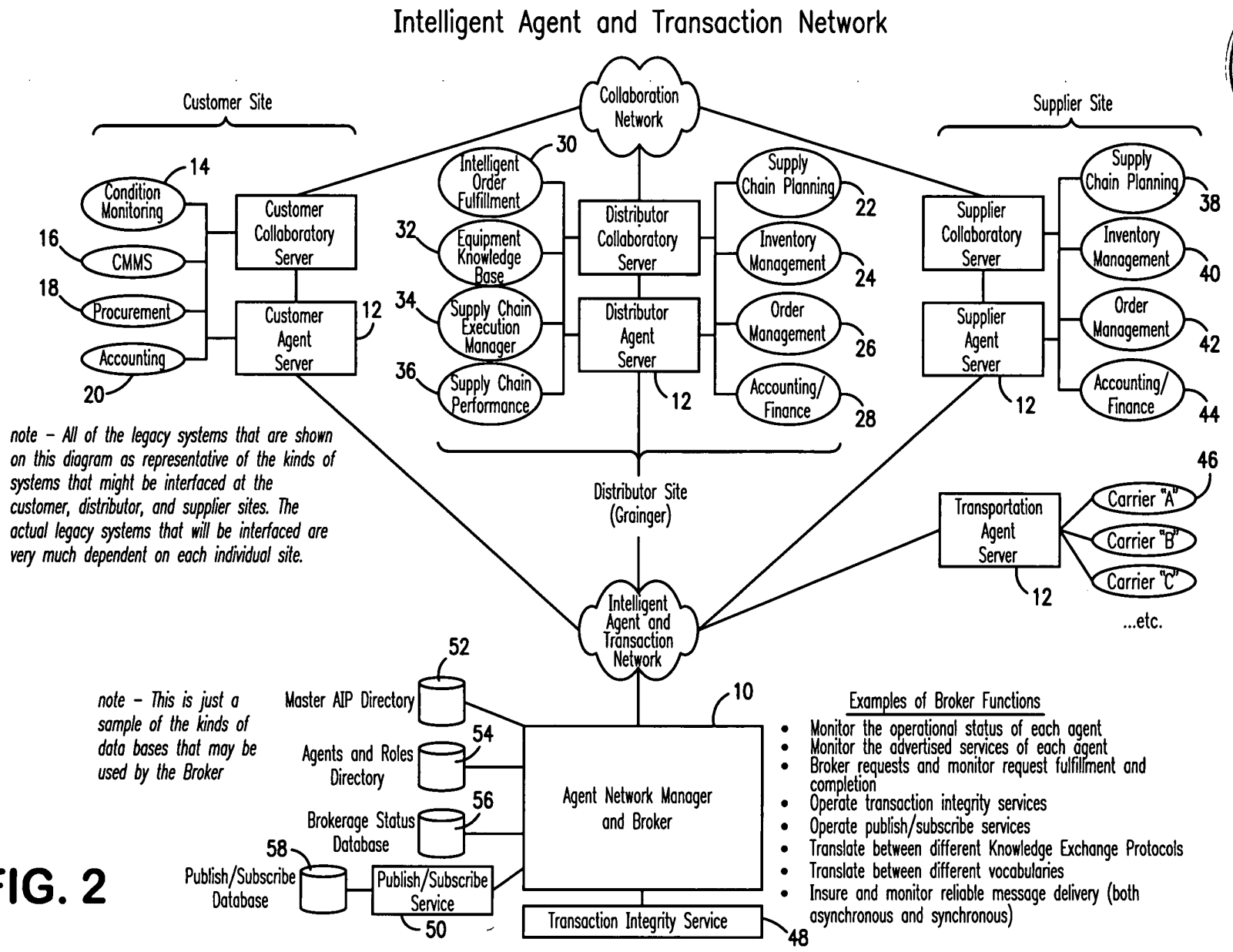

FIG. 2

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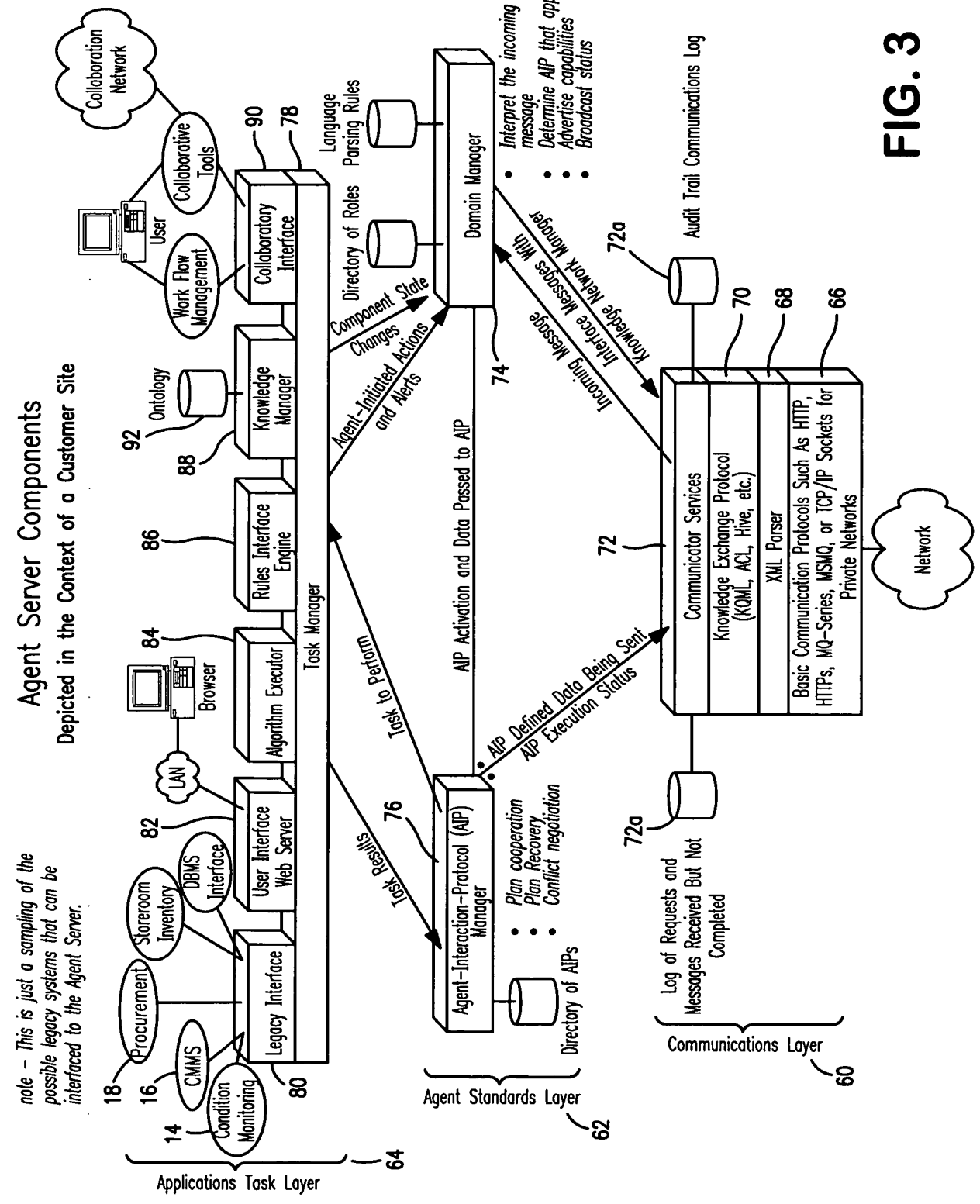

FIG. 3

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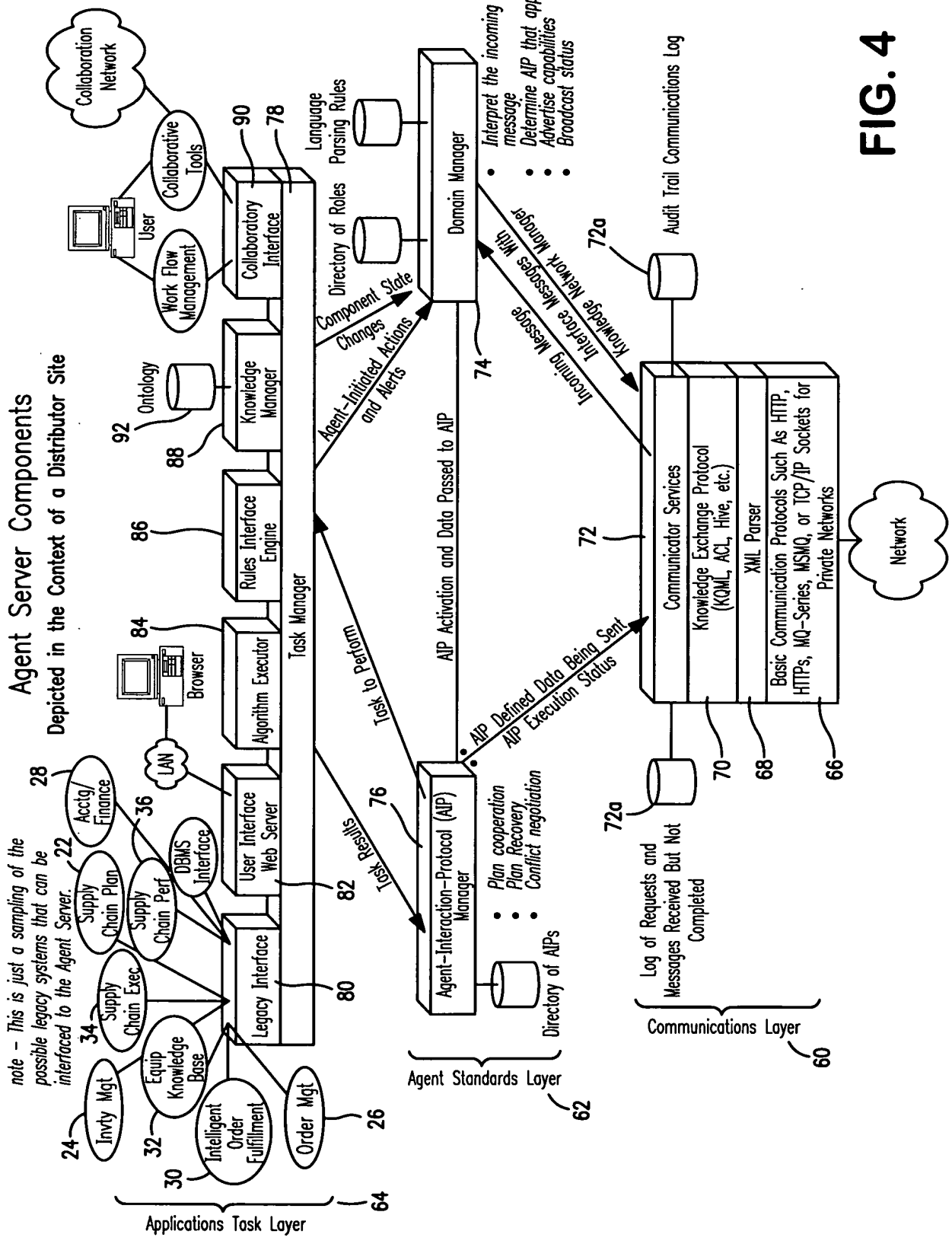

FIG. 4

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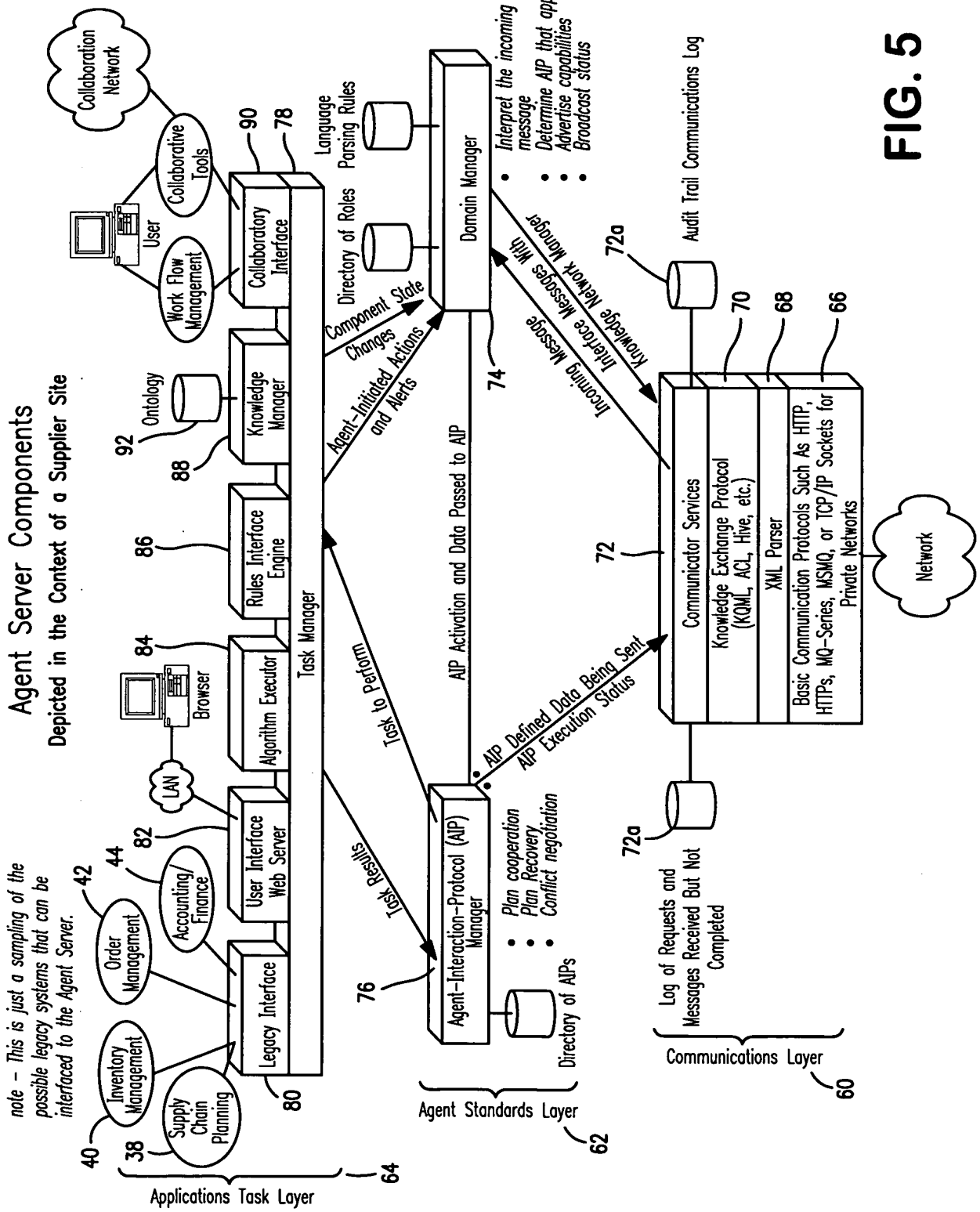

FIG. 5

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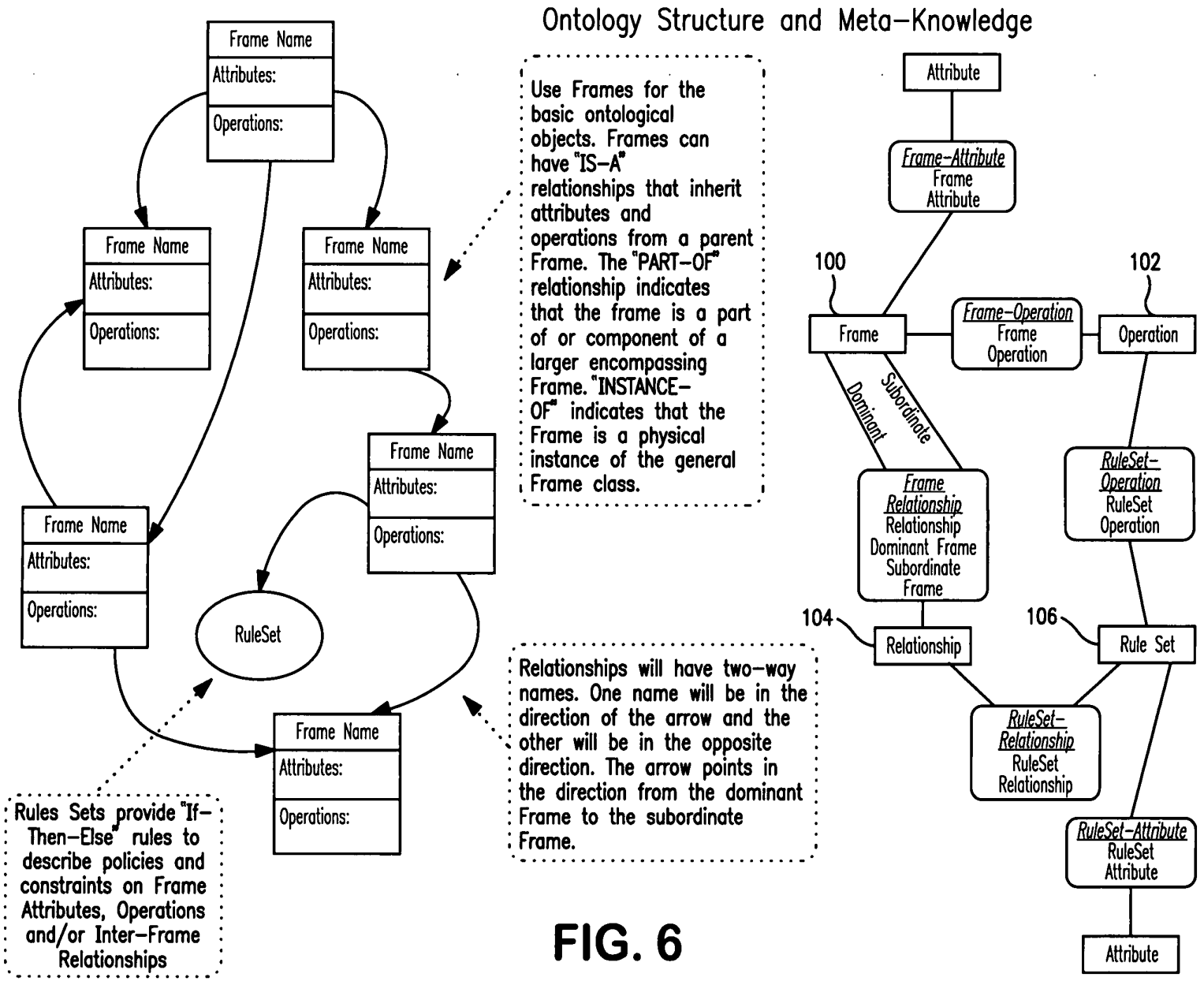

FIG. 6

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Intelligent Order Fulfillment Planning

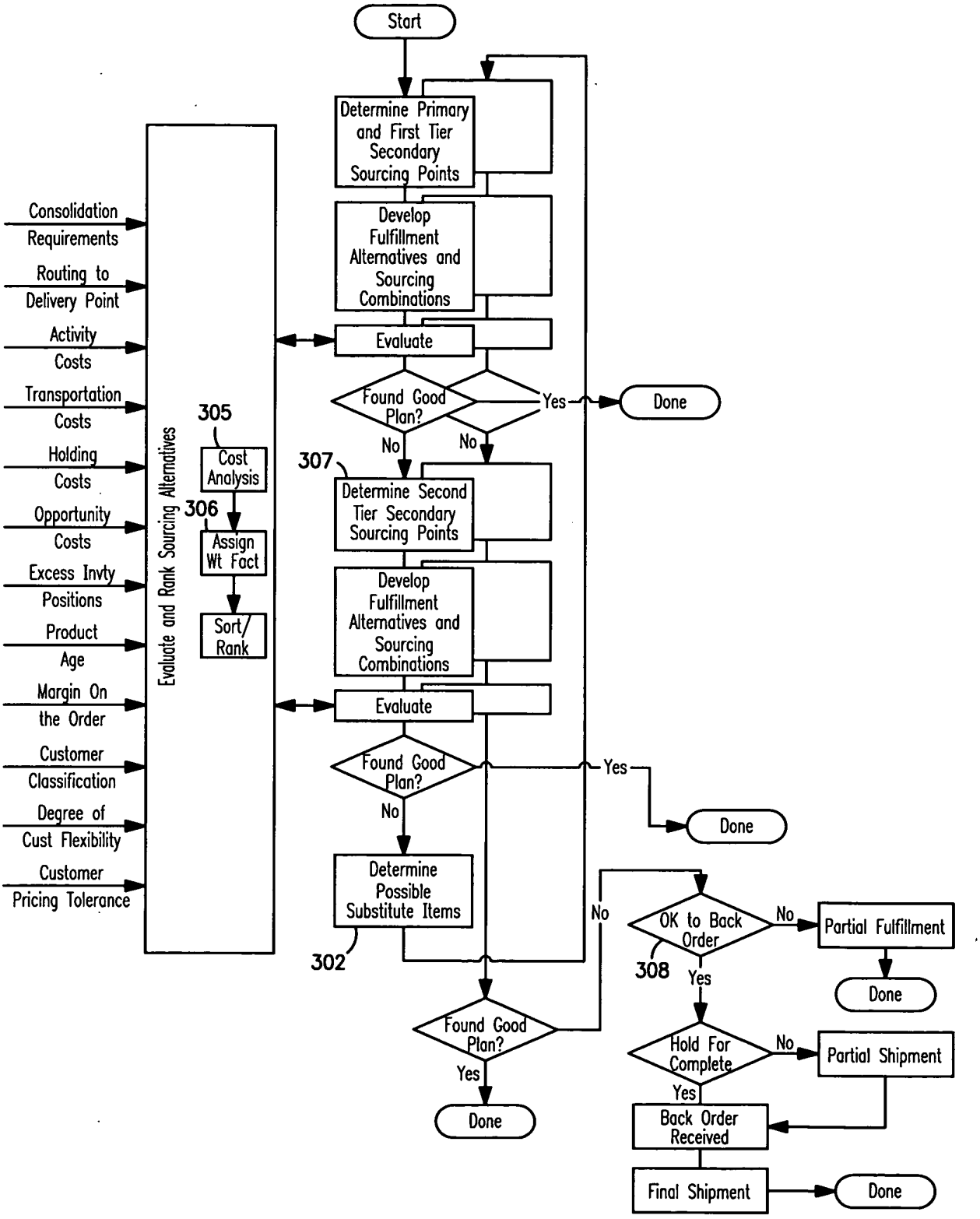

FIG. 7

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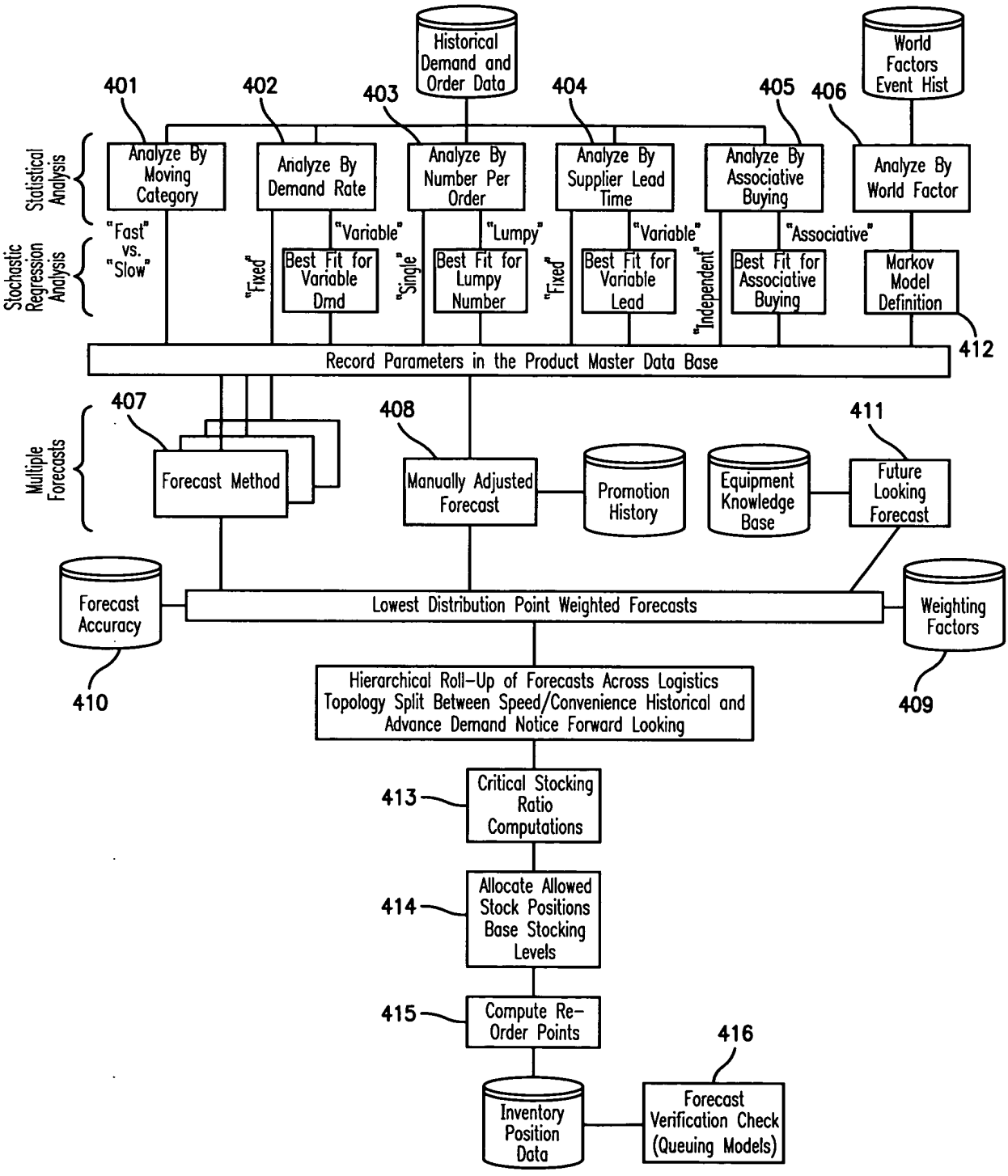

FIG. 8

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MRO ISCM – Equipment Knowledge Base

Generic Equipment

Note–MIMOSA suggests using Table 31–Asset Type and Table 99 Asset Type Child instead of the segment type tables. Schemes are the same, but the segment tables include Production Processes.

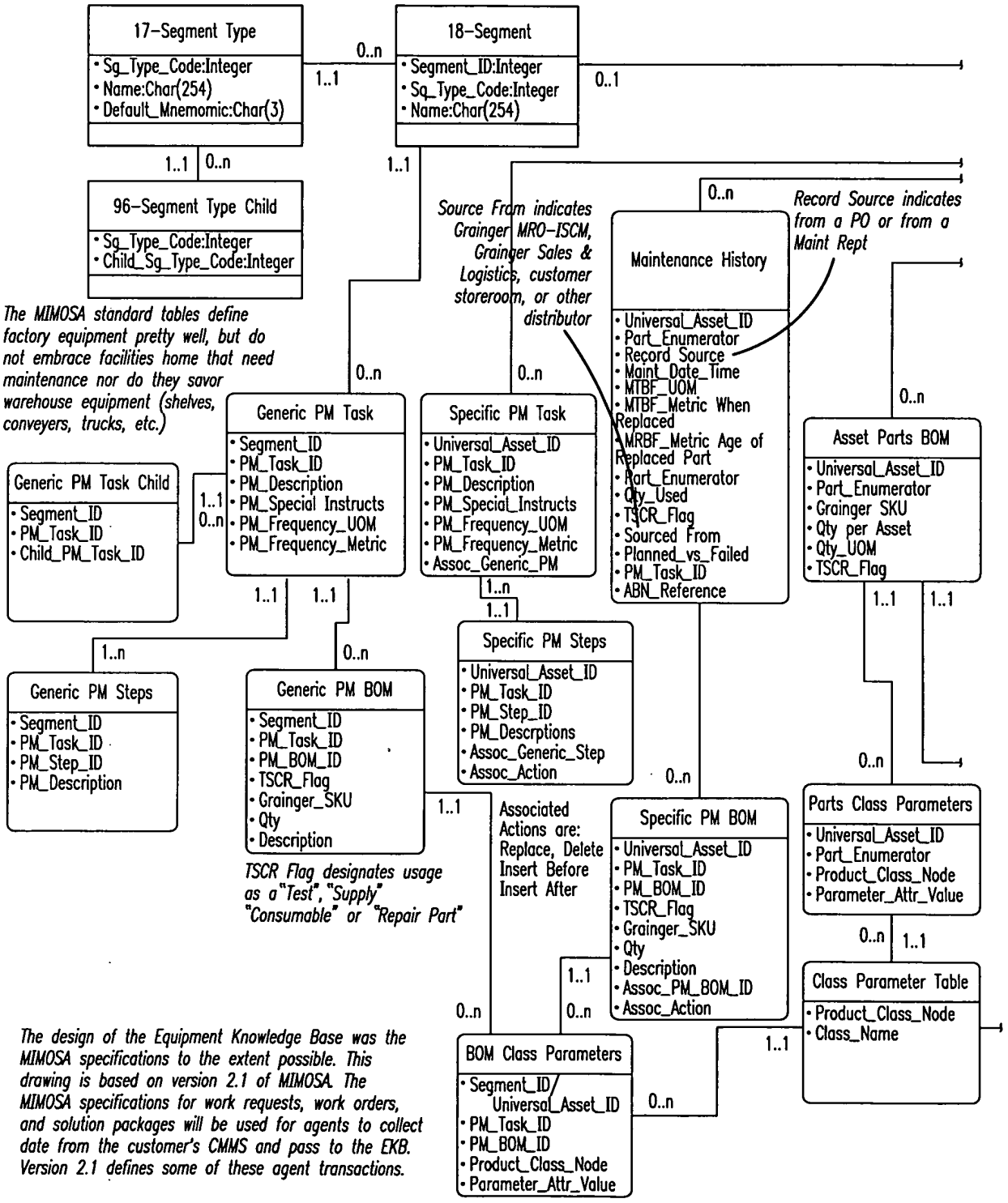

FIG. 9-1

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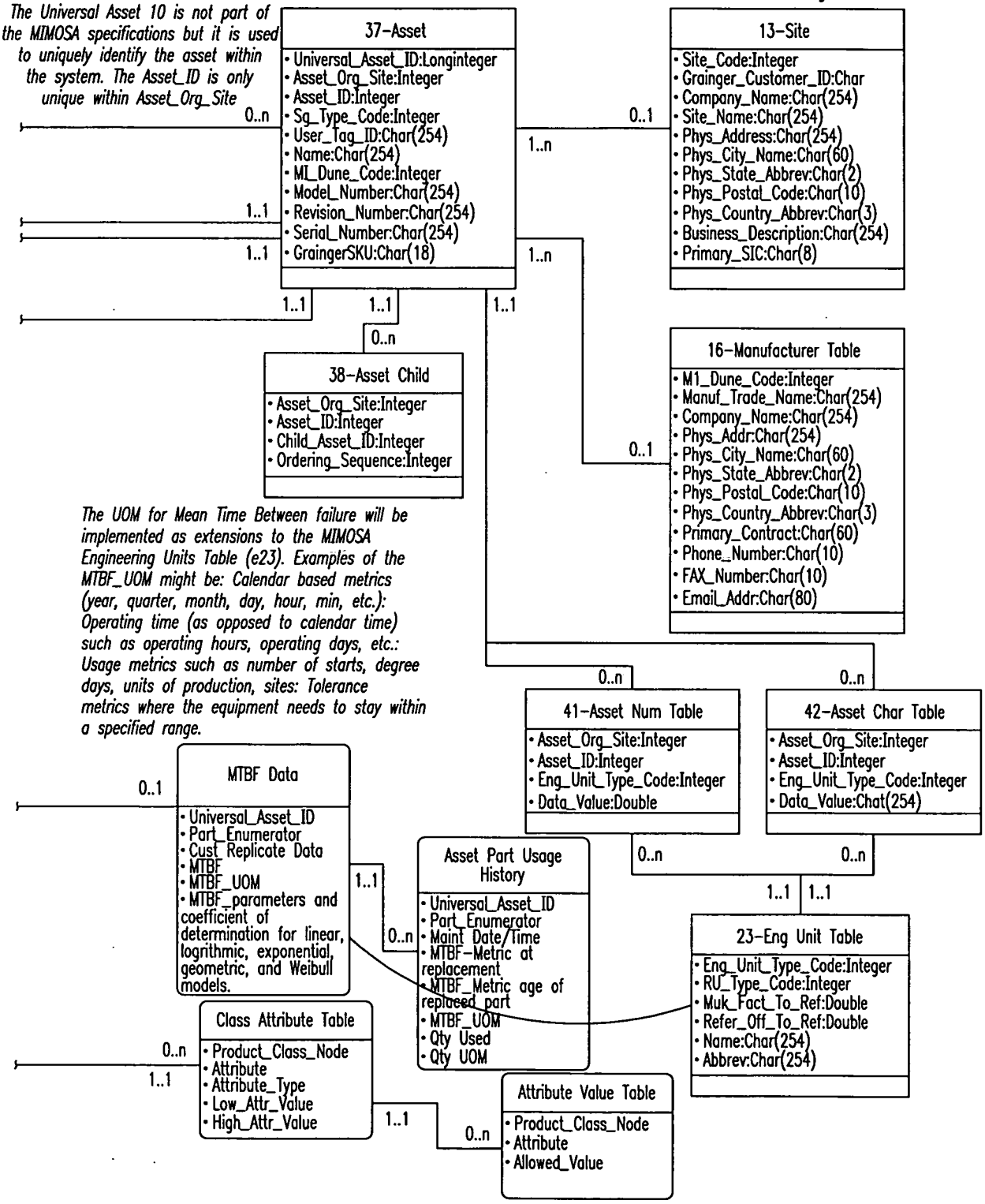
MRO ISCM – Equipment Knowledge Base

Specific Equipment Instances

A Asset_Org_Site of rate indicates the record which compiles date for the secumutation of all instances across all organizations and sites

The Universal Asset 10 is not part of the MIMOSA specifications but it is used to uniquely identify the asset within the system. The Asset_ID is only unique within Asset_Org_Site



The UOM for Mean Time Between failure will be implemented as extensions to the MIMOSA Engineering Units Table (e23). Examples of the MTBF_UOM might be: Calendar based metrics (year, quarter, month, day, hour, min, etc.): Operating time (as opposed to calendar time) such as operating hours, operating days, etc.: Usage metrics such as number of starts, degree days, units of production, sites: Tolerance metrics where the equipment needs to stay within a specified range.

FIG. 9-2

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New Customer Equipment Data Added to Equipment Knowledge Base

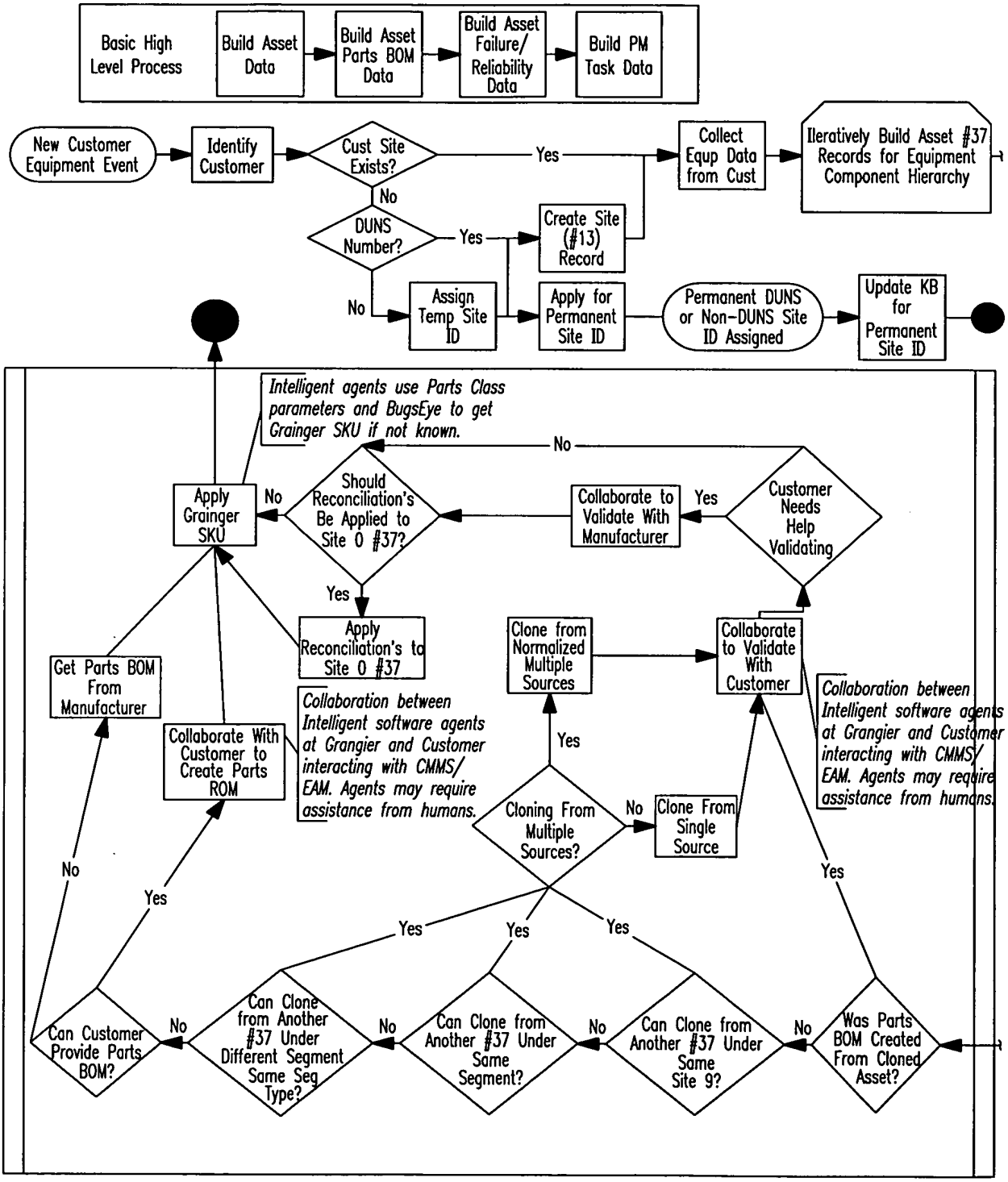

FIG. 10a-1

OIPE MAR 26
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New Customer Equipment Data Added to Equipment Knowledge Base

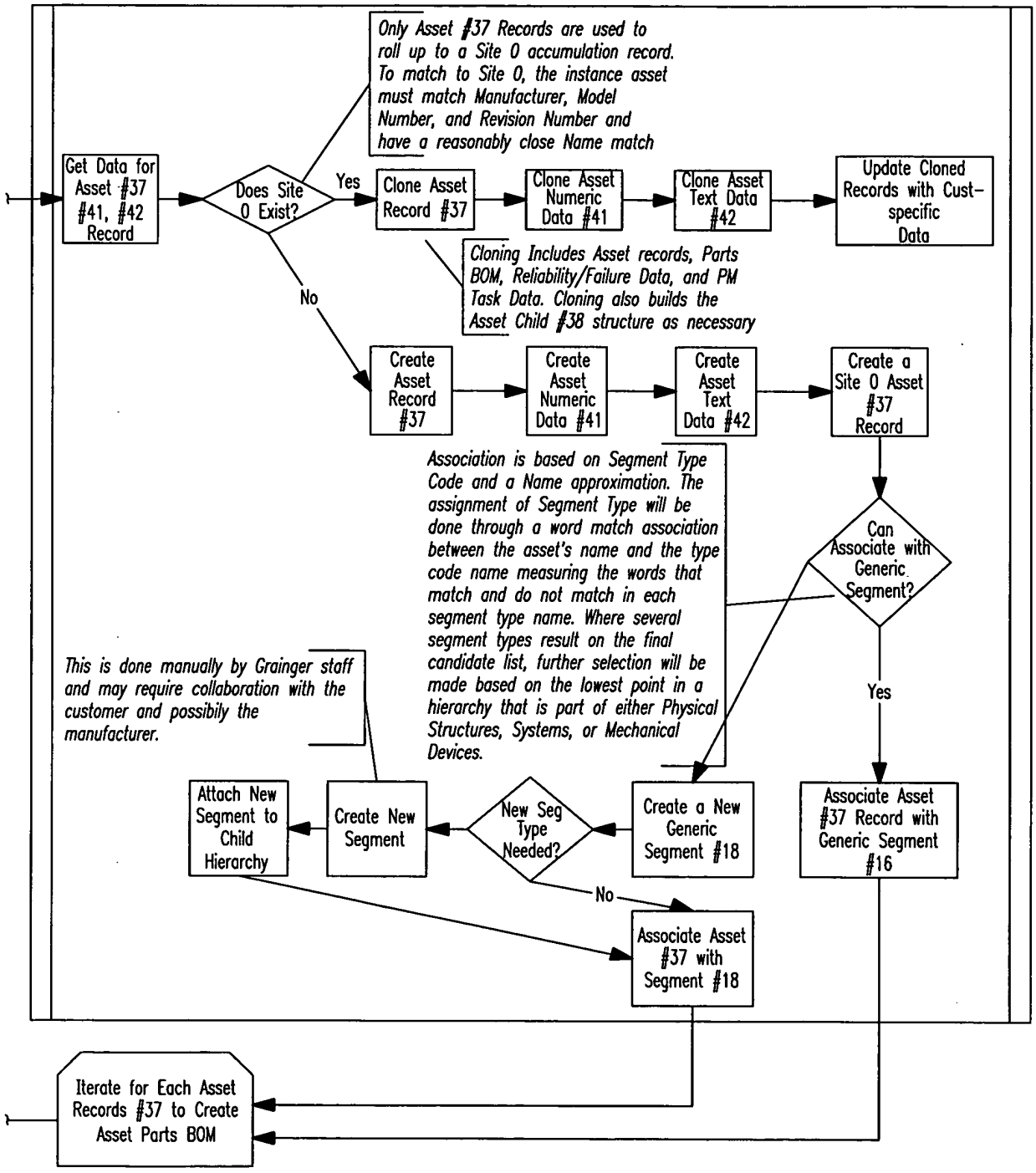

FIG. 10a-2

OIPE MAP38
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New Customer Equipment Data Added to Equipment Knowledge Base (cont)

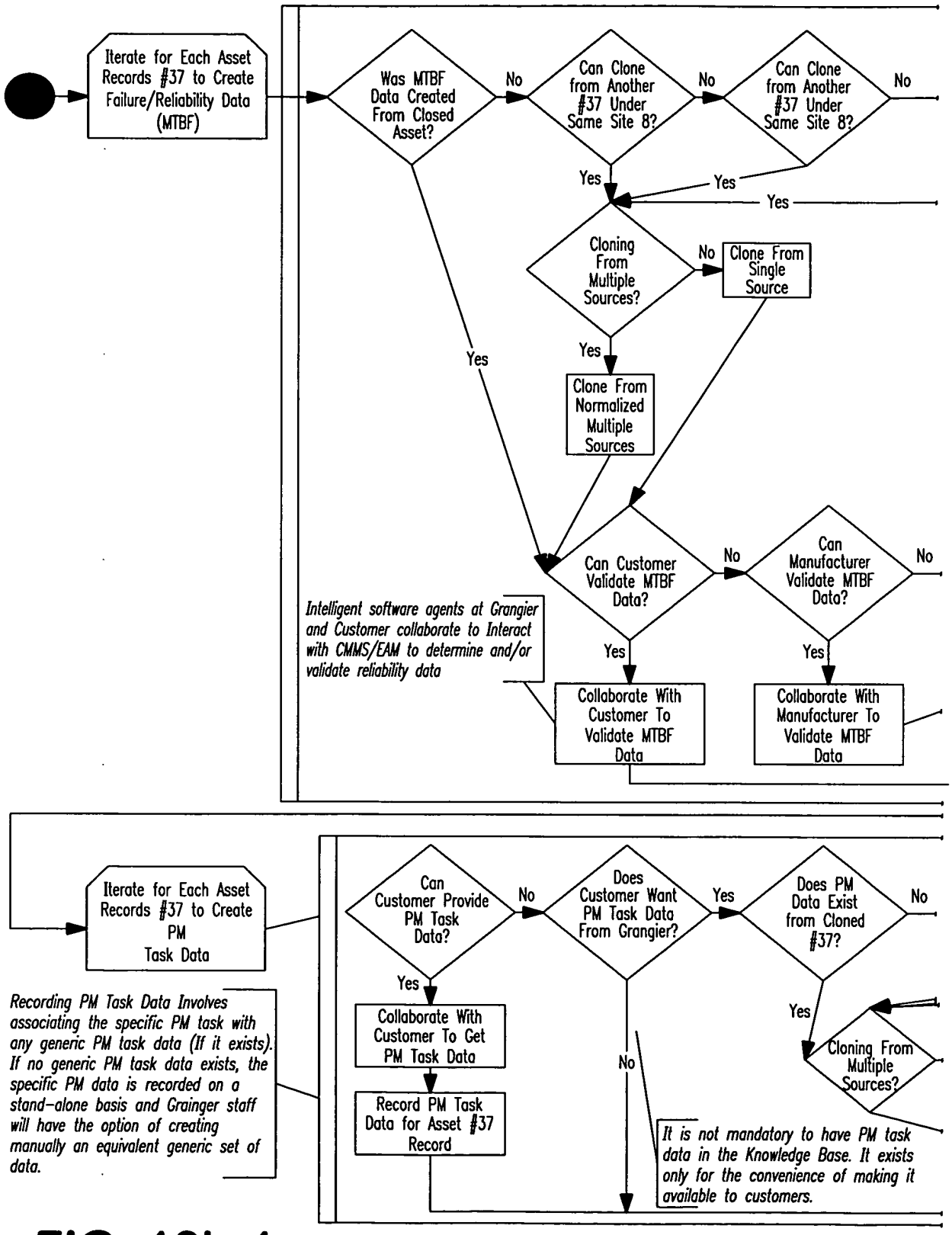

FIG. 10b-1

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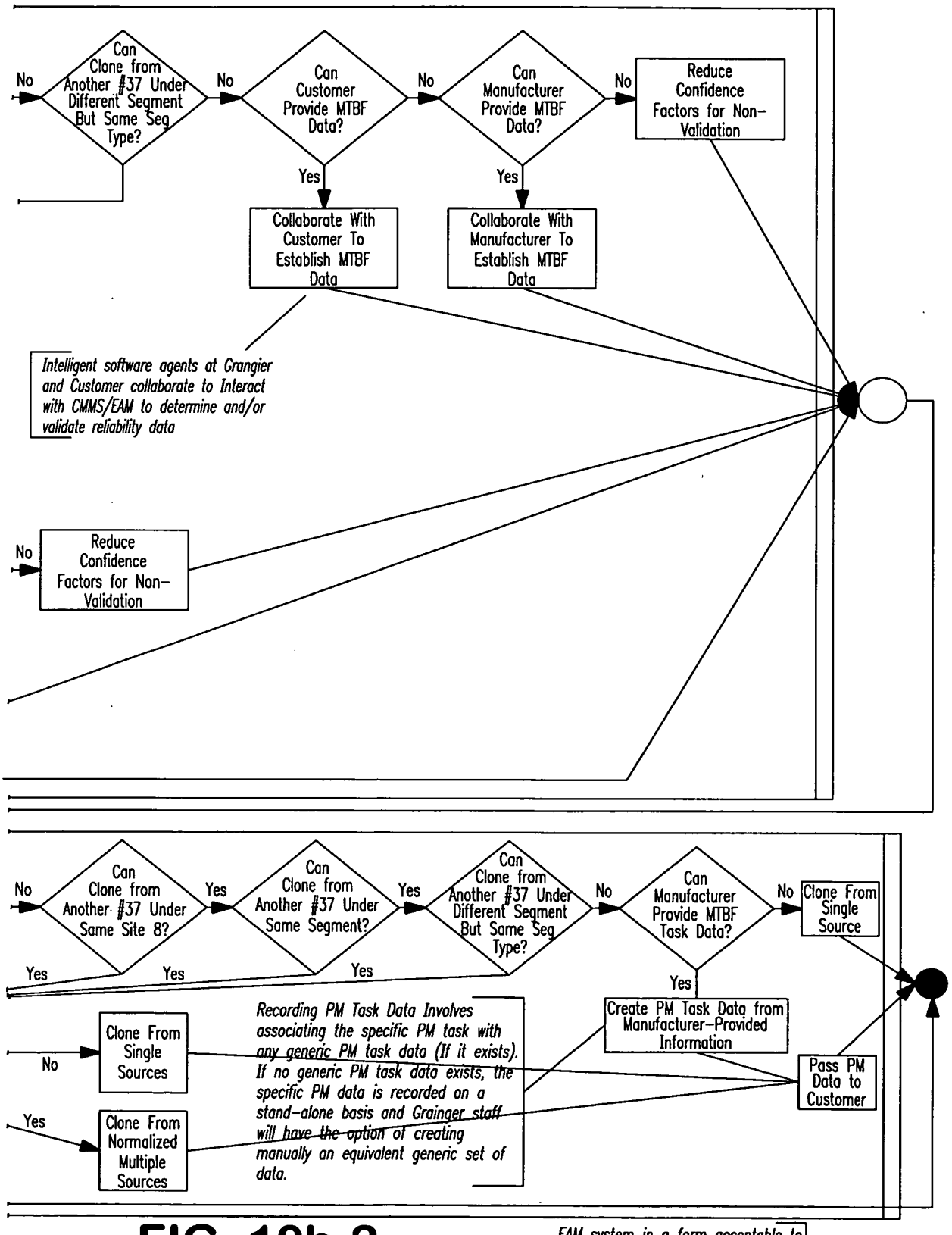

FIG. 10b-2

OIPE MAP 26
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Record Maintenance Results in the Equipment Knowledge Base

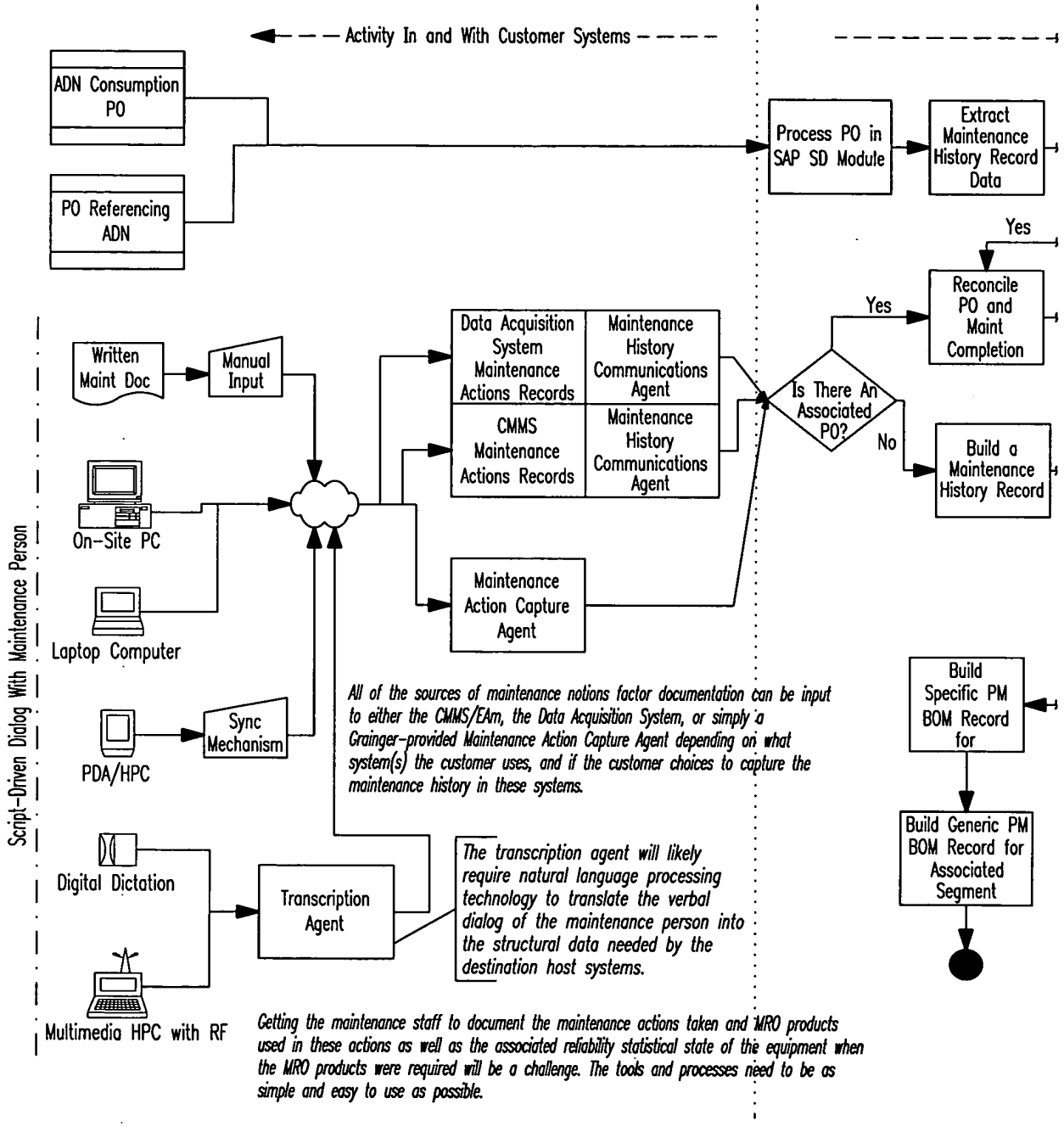

FIG. 11-1

OIPE IAP26
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Record Maintenance Results in the Equipment Knowledge Base

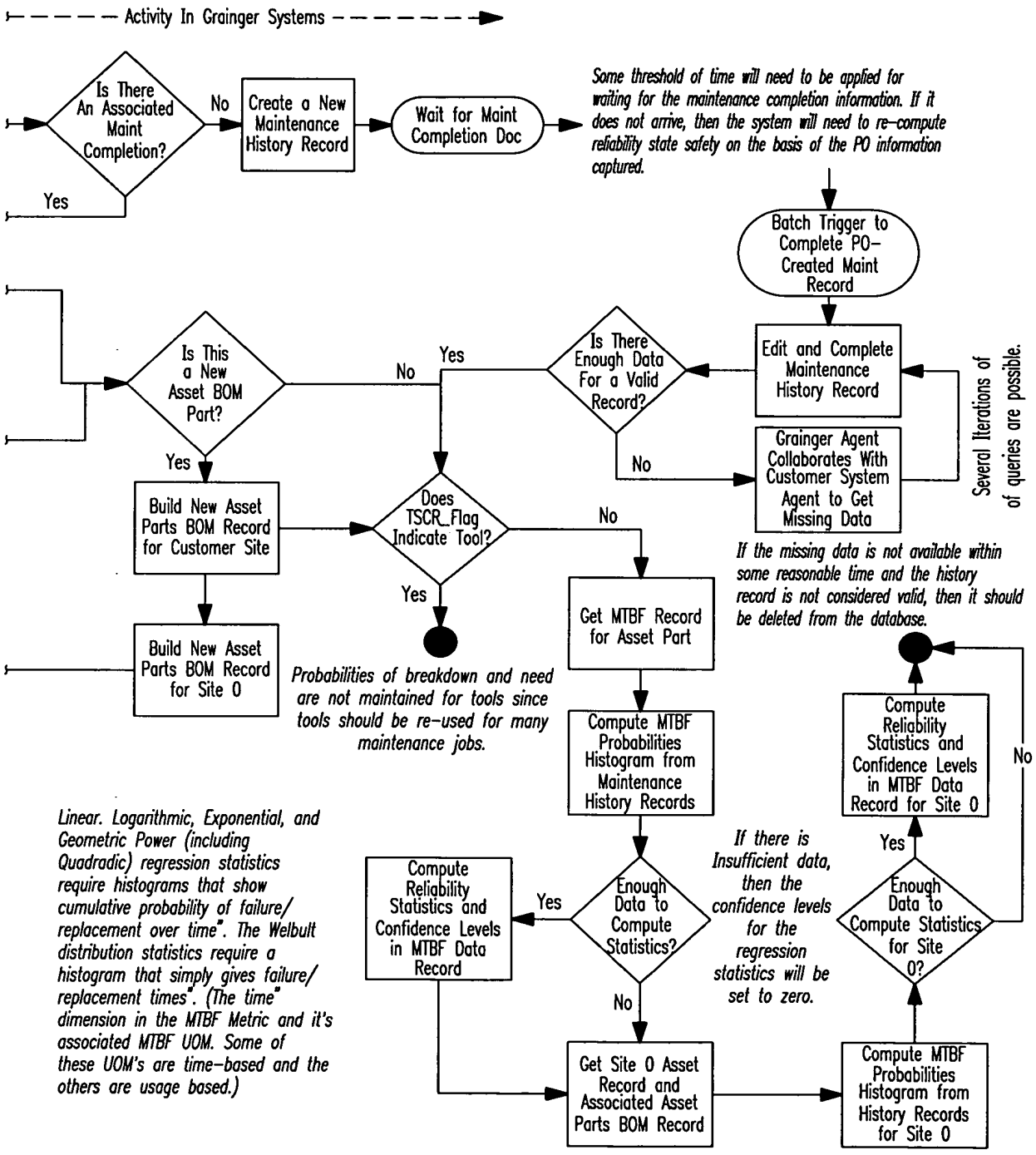

FIG. 11-2

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MRO Integrated Supply Chain Management Environment and System

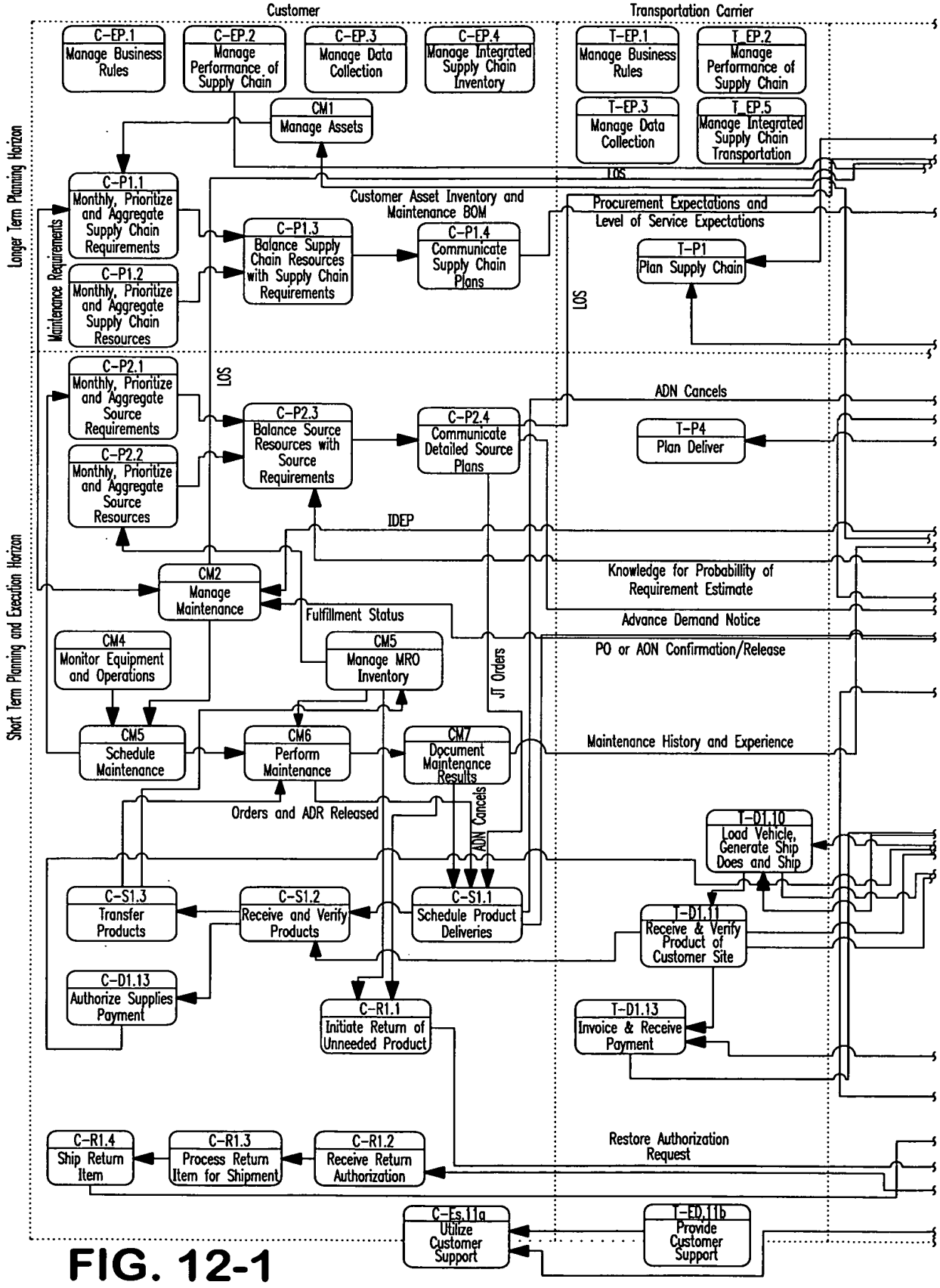

FIG. 12-1

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MRO Integrated Supply Chain Management Environment and System

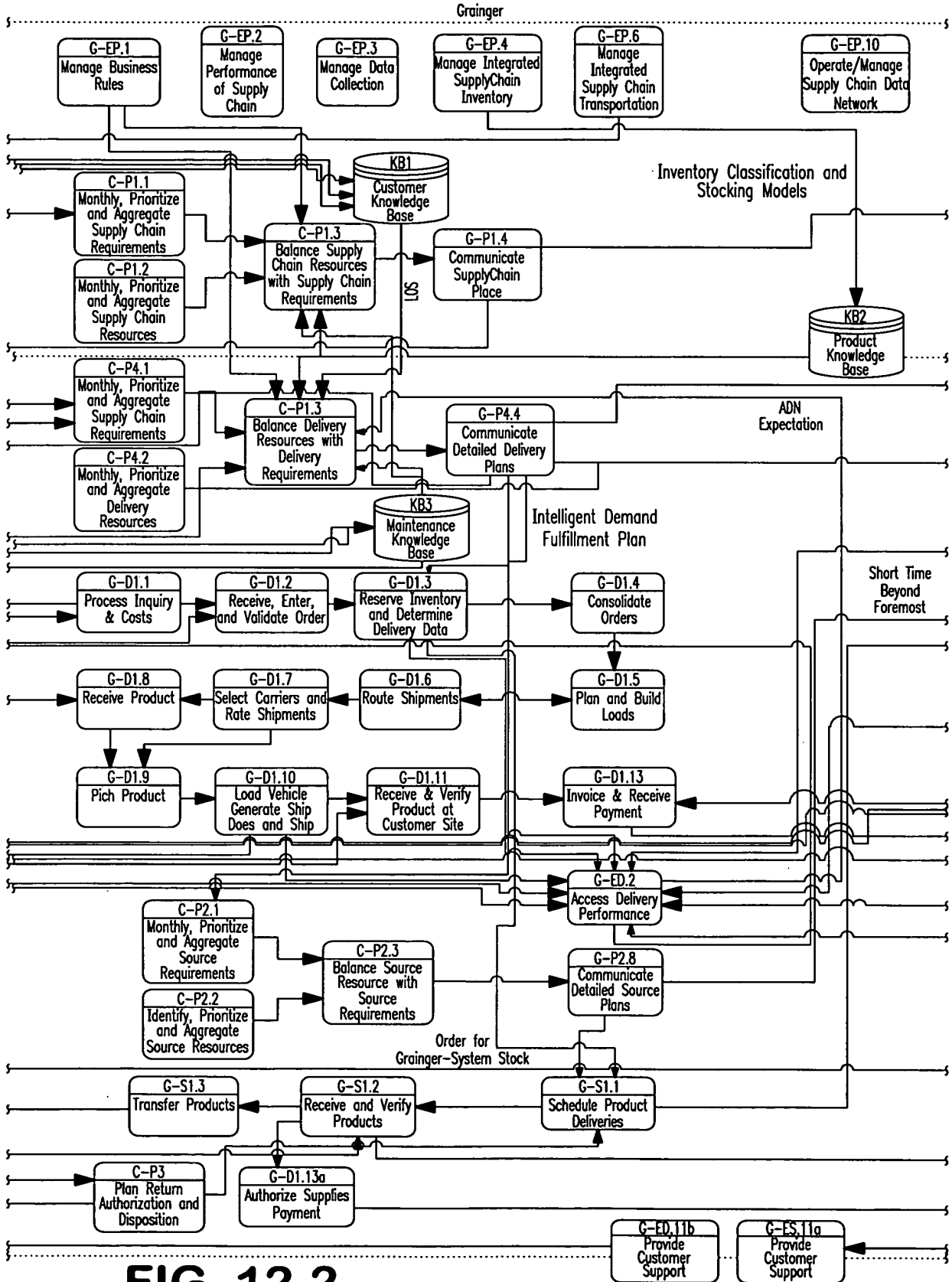

FIG. 12-2

OIPE IAP26
FEB 22 2007
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MRO Integrated Supply Chain Management Environment and System

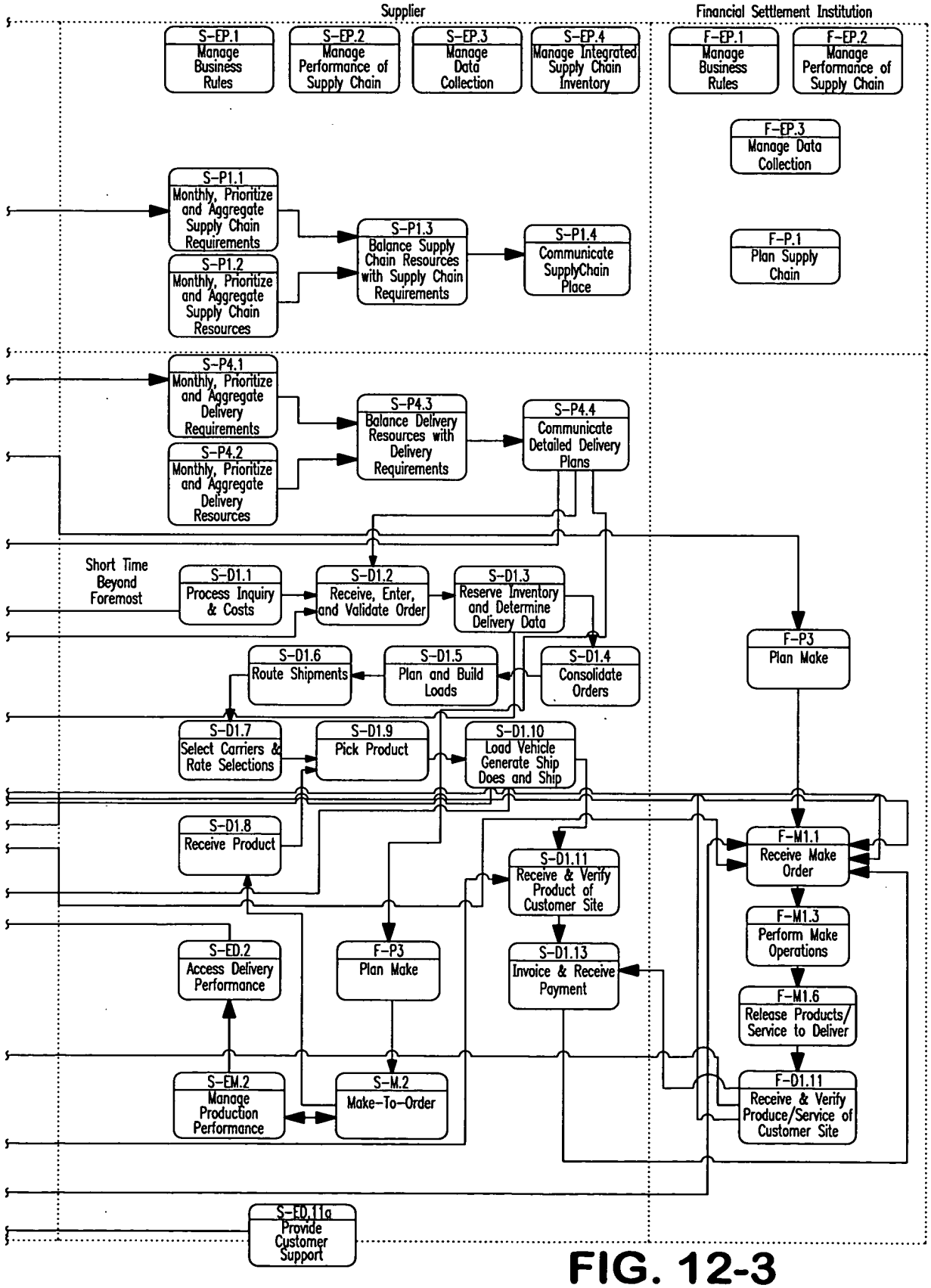

FIG. 12-3

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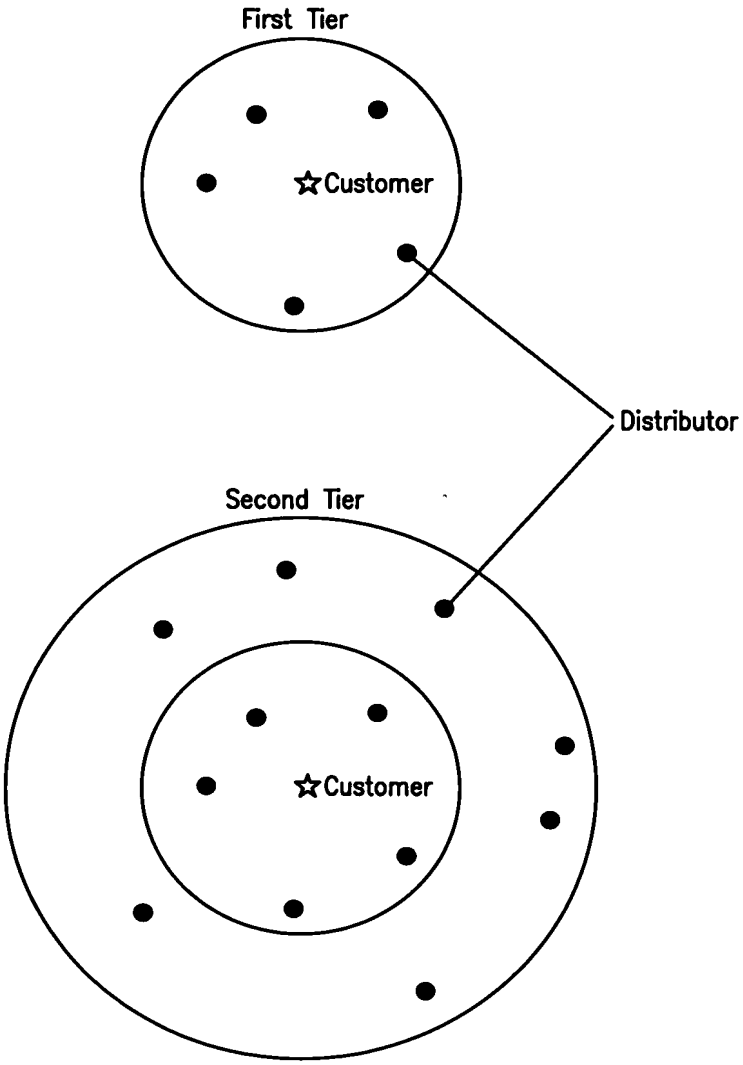

FIG. 13